



Methodology Research Papers

This page shows all Methodology Research Papers, including Methodology Advisory Committee Papers and Working Papers in Econometrics and Applied Statistics.

Click on the heading of each column to sort. JavaScript must be enabled in your browser for this page to display correctly.

Document Type	Title	Catalogue Number	Month	Year
Research Papers	Measuring the Stock of Human Capital for Australia	1351.0.55.001	September	2004
Research Papers	Modelling Languages Other Than English Spoken in Australia Using Census Data	1351.0.55.002	March	2005
Research Papers	Experimental Output Measures for the Australian Justice Sector	1351.0.55.003	July	2001
Research Papers	Estimating Industry-Level Multifactor Productivity for the Market-Sector Industries in Australia	1351.0.55.004	July	2005
Research Papers	Impact of Demographic and Economic Changes on Measured Income Inequality	1351.0.55.005	September	2005
Research Papers	Small Area Estimation of Disability in Australia	1351.0.55.006	October	2005
Research Papers	Beyond GDP: Measures of Economic, Social and Environmental Progress	1351.0.55.007	October	2005
Research Papers	Collaborating with Civil Society: Reflections from Australia	1351.0.55.008	October	2005
Research Papers	Comparison of Methods for Measuring the Age of Withdrawal from the Labour Force	1351.0.55.009	November	2005
Research Papers	Quality-adjusted Labour Inputs	1351.0.55.010	November	2005
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Document Type	Title	Catalogue Number	Month	Year
Research Papers	Testing the Reliability of a Measure of Aboriginal Children's Mental Health	1351.0.55.011	March	2006
Research Papers	Review of Methodology for Estimating Taxes on Production in the Calculation of Household Final Income	1351.0.55.012	April	2006
Research Papers	Analysis of the Regional Distribution of Relatively Disadvantaged Areas using SEIFA	1351.0.55.013	June	2006
Research Papers	Analysing the Terms of Trade Effect on GDP and Employment in the Presence of Low Real Unit Labour Costs	1351.0.55.014	September	2006
Research Papers	Socio-Economic Indexes for Areas: Introduction, Use and Future Directions	1351.0.55.015	September	2006
Research Papers	Deriving Measures of Engagement in Secondary Education from the National Schools Statistics Collection	1351.0.55.016	December	2006
Research Papers	Comparing Living Costs in Australian Capital Cities	1351.0.55.017	March	2007
Research Papers	Methodology of Evaluating the Quality of Probabilistic Linking	1351.0.55.018	April	2007
Research Papers	An Estimating Equation Approach to Census Coverage Adjustment	1351.0.55.019	May	2007
Research Papers	Explorations of Innovation and Business Performance Using Linked Firm-Level Data	1351.0.55.020	September	2007
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Document Type	Title	Catalogue Number	Month	Year
Research Papers	Methodology for Synthesising Estimates of Indigenous Child Health	1351.0.55.021	August	2007
Research Papers	Population Ageing and the Accumulation of Human Capital in Australia, 1981	1351.0.55.022	September	2007
Research Papers	Measuring Human Capital Flows for Australia: A Lifetime Labour Income Approach	1351.0.55.023	February	2008
Research Papers	Exploring Measures of Low Social Capital	1351.0.55.024	March	2009
Research Papers	A Linkage Method for the Formation of the Statistical Longitudinal Census Dataset	1351.0.55.025	August	2009
Research Papers	Assessing the Likely Quality of the Statistical Longitudinal Census Dataset	1351.0.55.026	August	2009
Research Papers	Assessing the Quality of Linking Migrant Settlement Records to Census Data	1351.0.55.027	August	2009
Research Papers	Children's Participation in Organised Sporting Activity	1351.0.55.028	October	2009
Research Papers	Small Area Estimation Using a Multinomial Logit Mixed Model with Category Specific Random Effects	1351.0.55.029	January	2010
Research Papers	Linking Census Records to Death Registrations	1351.0.55.030	March	2010
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Document Type	Title	Catalogue Number	Month	Year
Research Papers	An Analysis of Repeat Imprisonment Trends in Australia using Prisoner Census Data from 1994 to 2007	1351.0.55.031	August	2010
Research Papers	Measuring Economic Returns to Post-School Education in Australia	1351.0.55.032	August	2010
Research Papers	Business Innovation and the Use of Information and Communications Technology	1351.0.55.033	March	2011
Research Papers	Sampling-Based Clerical Review Methods in Probabilistic Linking	1351.0.55.034	May	2011
Research Papers	Competition, Innovation and Productivity in Australian Businesses	1351.0.55.035	September	2011
Research Papers	Socio-Economic Indexes For Areas: Getting a Handle on Individual Diversity Within Areas	1351.0.55.036	September	2011
Research Papers	Education Performance Indicators and the Census: Accounting for 'Not Stated' Records	1351.0.55.037	December	2011
Research Papers	Socio-Economic Indexes For Areas: Robustness, Diversity Within Larger Areas and the New Geography Standard	1351.0.55.038	March	2012
Research Papers	Investigating the Discrepancy between Measured and Self-Reported BMI in the National Health Survey	1351.0.55.039	March	2012
Research Papers	Investigations into Modelling Estimates of Energy Consumption Reporting Undercoverage	1351.0.55.040	March	2013
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Document Type	Title	Catalogue Number	Month	Year
Research Papers	Assessing the Quality of Linking School Enrolment Records to 2011 Census Data	1351.0.55.041	April	2013
Research Papers	Business Innovation and the Use of Information and Communications Technology - An Update	1351.0.55.042	May	2013
Research Papers	Assessing the Quality of Linking Migrant Settlement Records to 2011 Census Data	1351.0.55.043	August	2013
Research Papers	Assessing the Feasibility of Linking 2011 Vocational Education and Training in Schools Data to 2011 Census Data	1351.0.55.044	December	2013
Research Papers	Assessing the Quality of Linking School Enrolment Records to 2011 Census Data: Deterministic Linkage Methods	1351.0.55.045	December	2013
Research Papers	Assessing the Quality of Different Data Linking Methodologies Across Time, Using Northern Territory Government School Enrolment Data	1351.0.55.046	March	2014
Research Papers	Assessing the Quality of Different Data Linking Methodologies Across Time, Using Tasmanian Government School Enrolment Data	1351.0.55.047	March	2014
Research Papers	Investigating Algorithms to Report on Indigenous Status Where Status Differs for Student Records Across Years	1351.0.55.048	March	2014
Research Papers	Examining Association between Self-Assessed Health Status and Labour Force Participation Using Pooled NHS Data	1351.0.55.049	February	2014
Research Papers	Temporal Aggregation and Seasonal Adjustment	1351.0.55.050	July	2014
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Document Type	Title	Catalogue Number	Month	Year
Research Papers	Feasibility Study of Linking Migrant Settlement Records to Personal Income Tax Data	1351.0.55.051	August	2014
Research Papers	Firm Dynamics and Productivity Growth in Australian Manufacturing and Business Services	1351.0.55.052	October	2014
Research Papers	Assessing the Suitability of Temporary Migrants Administrative Data for Data Integration	1351.0.55.053	November	2014
Research Papers	Big Data, Statistical Inference and Official Statistics	1351.0.55.054	March	2015
Research Papers	Use of a Prototype Linked Employer-Employee Database to Describe Characteristics of Productive Firms	1351.0.55.055	May	2015
Research Papers	A Statistical Framework for Analysing Big Data	1351.0.55.056	June	2015
Research Papers	Constructing an Experimental Household-Level Socio-Economic Index of Disadvantage Using GSS Data	1351.0.55.057	August	2015
Research Papers	Death Registrations to Census Linkage Project – A Linked Dataset for Analysis	1351.0.55.058	March	2016
Research Papers	Unemployment Duration in Australia: A Longitudinal Analysis with Missing Data	1351.0.55.059	May	2016
Research Papers	Personal Income Tax and Migrants Integrated Dataset (PITMID) 2011-12 Quality Assessment	1351.0.55.060	October	2016
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Options for Encoding Name Information for use in Record Linkage	1351.0.55.162	February	2018
MAC Papers	Use of State Space Models for Small Domain Trend Estimation in the Labour Force Survey	1352.0.55.001	November	1996
MAC Papers	Commonwealth Government Statistical Clearing House	1352.0.55.016	June	1998
MAC Papers	The Impact of Rotation Patterns and Composite Estimation on Survey Outcomes	1352.0.55.017	November	1998
MAC Papers	Testing a New Questionnaire for the Australian Bureau of Statistics Labour Force Survey	1352.0.55.018	November	1998
MAC Papers	Modelling Detailed Business Operating Expenses from ABS Economic Collections	1352.0.55.019	November	1998
MAC Papers	Training of Methodologists in the ABS	1352.0.55.020	November	1998
MAC Papers	Design for the Quarterly Economy Wide Survey	1352.0.55.024	June	1999
MAC Papers	Impact of Non-Response Bias in Business Surveys	1352.0.55.028	November	1999
MAC Papers	Weighting and Standard Error Estimation	1352.0.55.029	July	2000
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Aggregation and ABS Time Series	1352.0.55.030	July	2000
MAC Papers	Data Editing Design Principles in a CAI Environment	1352.0.55.032	July	2000
MAC Papers	Methodological Issues Associated with Using BAS Data for Improving Sample Design and Estimation for Business Surveys	1352.0.55.034	November	2000
MAC Papers	Quality Indicators for Household Surveys	1352.0.55.035	November	2000
MAC Papers	Towards Best Practice for Design of Electronic Data Capture Instruments	1352.0.55.036	November	2000
MAC Papers	Cost and Variance Modelling for the Redesign of the Monthly Population Survey Part A	1352.0.55.037	June	2001
MAC Papers	Cost and Variance Modelling for the Redesign of the Monthly Population Survey Part B	1352.0.55.038	June	2001
MAC Papers	Use of Concurrent Seasonal Adjustment for Economic Time Series: The Case for Retail Survey	1352.0.55.039	June	2001
MAC Papers	Modelling Crime Victimisation and the Propensity to Report Crime to Police	1352.0.55.040	June	2001
MAC Papers	Quality Measures for Systems of Economic Accounts	1352.0.55.041	June	2001
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Use of ARIMA Models for Improving Revisions of X-11 Seasonal Adjustment	1352.0.55.042	November	2001
MAC Papers	Using the Multinomial Logistic Regression Model to Construct Design-Based Estimates for the Input-Output Survey	1352.0.55.044	November	2001
MAC Papers	CAI Screen Design Project	1352.0.55.048	June	2002
MAC Papers	Using a Generalised Estimation Methodology for ABS Business Surveys	1352.0.55.049	June	2002
MAC Papers	Using a Generalised Estimation Methodology for ABS Business Surveys	1352.0.55.050	November	2002
MAC Papers	Winsorization for Generalised Regression Estimation	1352.0.55.051	November	2002
MAC Papers	ABS Analysis Program: Bounds and Focus	1352.0.55.052	November	2002
MAC Papers	Statistical Training of Statistical Services Branch Staff	1352.0.55.053	November	2002
MAC Papers	Strategies for Synthetic Estimation in ABS Business Surveys	1352.0.55.054	November	2002
MAC Papers	Small Area Estimation Models for Disability	1352.0.55.058	November	2003
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Assessment of Risk for Unit Record File Disclosure Spontaneous Recognition and Population Modelling	1352.0.55.060	November	2003
MAC Papers	Statistical Matching of the HES and NHS	1352.0.55.061	June	2004
MAC Papers	Issues Associated with Producing a Longitudinal Dataset of Businesses	1352.0.55.062	June	2004
MAC Papers	Estimation for the Household Income and Expenditure Survey	1352.0.55.063	June	2004
MAC Papers	Methodology for Producing Synthetic Microdata for Income in Non-survey Years	1352.0.55.065	November	2004
MAC Papers	General Application of Significance Editing to Economic Collections	1352.0.55.066	November	2004
MAC Papers	Exploring Hedonic Methods for Constructing a House Price Index	1352.0.55.067	November	2004
MAC Papers	Estimation Methodologies Using Taxation Data for ABS Business Surveys	1352.0.55.070	June	2005
MAC Papers	Synthesising Estimates of Indigenous Child Health Based on the W.A. Aboriginal Child Health Survey	1352.0.55.071	June	2005
MAC Papers	A Review of Confidentiality Protections for Statistical Tables	1352.0.55.072	June	2005
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Decomposition of Movement Estimates as a Diagnostic Tool for Repeated Business Surveys	1352.0.55.073	November	2005
MAC Papers	Imputation in Longitudinal Surveys: The Case of HILDA	1352.0.55.075	November	2005
MAC Papers	Exploring Methods for Creating a Longitudinal Census Dataset	1352.0.55.076	November	2005
MAC Papers	Estimating Average Annual Hours Worked	1352.0.55.077	June	2006
MAC Papers	Assessing the Quality of Modelled Estimates	1352.0.55.078	June	2006
MAC Papers	Some Aspects of Turning Point Detection in Seasonally Adjusted and Trend Estimates	1352.0.55.079	June	2006
MAC Papers	Searching for Coherence between Spatial and Temporal Measures of Price Change	1352.0.55.081	November	2006
MAC Papers	Measuring Option Values and the Economic Benefits of Completing Secondary Education	1352.0.55.082	November	2006
MAC Papers	Measuring and Correcting for Information Loss in Confidentialised Census Counts	1352.0.55.083	November	2006
MAC Papers	Estimating the Cyclical Component from Annual Time Series	1352.0.55.085	June	2007
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Socio-Economic Indexes for Individuals and Families	1352.0.55.086	June	2007
MAC Papers	An Evaluation of Cube Sampling for ABS Household Surveys	1352.0.55.087	June	2007
MAC Papers	Imputation and Estimation for a Thematic Form Census	1352.0.55.092	November	2007
MAC Papers	Refining the Stratification for the Established House Price Index	1352.0.55.093	June	2008
MAC Papers	Experimental Estimates of Adult Literacy for Local Government	1352.0.55.094	June	2008
MAC Papers	Temporal Aggregation and Seasonal Adjustment	1352.0.55.095	June	2008
MAC Papers	Sample Design Issues for National Surveys of the Indigenous Population	1352.0.55.096	June	2008
MAC Papers	Application of Operations Research to Improving Business Collection Efficiency	1352.0.55.097	November	2008
MAC Papers	Generalised Linear Models with Probabilistically Linked Data	1352.0.55.098	November	2008
MAC Papers	Reviewing the ABS' Hedonic Regression Model for Desktop Computers	1352.0.55.099	November	2008
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Estimating Population Totals by Combining Household Surveys	1352.0.55.102	November	2009
MAC Papers	The Use of Scores to Detect and Prioritise Anomalous Estimates	1352.0.55.104	June	2009
MAC Papers	Small Area Estimation with Simulated Samples from the Population Census	1352.0.55.106	November	2009
MAC Papers	Sample Design Frameworks for ABS Household Surveys	1352.0.55.108	June	2010
MAC Papers	Analysis of Micro-Data: Controlling the Risk of Disclosure	1352.0.55.110	June	2010
MAC Papers	Empirical Models for Survey Cost, Response Rate and Bias Using Paradata	1352.0.55.113	November	2010
MAC Papers	Appropriate Use of Box-Cox Transforms for Seasonal Adjustment	1352.0.55.116	June	2011
MAC Papers	Using the EM Algorithm to Estimate the Parameters of the Fellegi-Sunter Model for Data Linking	1352.0.55.120	November	2011
MAC Papers	Constructing Error Bands for Mortality Rates using Simulation	1352.0.55.121	November	2011
MAC Papers	Automated ARIMA Model Selection for Aiding Filter-Based Seasonal Adjustment	1352.0.55.124	June	2012
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Document Type	Title	Catalogue Number	Month	Year
MAC Papers	Propensity Score Matching: An Application using the ABS Business Characteristics Survey	1352.0.55.128	November	2012
MAC Papers	Robust Modelling of Design Effects for Household Survey Samples	1352.0.55.132	June	2013
MAC Papers	Building on SEIFA: Finer Levels of Socio-Economic Summary Measures	1352.0.55.135	June	2013
MAC Papers	Response Modelling for the 2016 Census Enumeration Model	1352.0.55.136	November	2013
MAC Papers	Discrete Choice Panel Data Modelling using the ABS Business Longitudinal Database	1352.0.55.139	November	2013
MAC Papers	Exploring Methods to Estimate the Intercensal Population of Aboriginal and Torres Strait Islander Australians	1352.0.55.140	June	2014
MAC Papers	Modelling the Short-Term Dynamics of Unemployment Using the ABS Longitudinal Labour Force Survey File	1352.0.55.142	June	2014
MAC Papers	Methodological Approaches for Utilising Satellite Imagery to Estimate Official Crop Area Statistics	1352.0.55.144	June	2014
MAC Papers	A New Analytical Platform to Explore Linked Data	1352.0.55.151	June	2015
MAC Papers	Quadratic Optimisation for Table Balancing in Official Statistics	1352.0.55.157	June	2016
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Document Type	Title	Catalogue Number	Month	Year
Working Papers	Investment Expectations: A Unit Record Analysis of Data from the Private New Capital Expenditure Survey	1351.0	July	1993
Working Papers	X11 Time Series Decomposition and Sampling Errors	1351.0	December	1993
Working Papers	Australian Labour Force Projections 1995-2011	1351.0	September	1994
Working Papers	Balanced Australian National Accounts	1351.0	October	1994
Working Papers	Choosing a Price Index Formula: A Survey of the Literature with an Application to Price Indexes for the Tradable and Non-tradable Sectors	1351.0	May	1996
Working Papers	Tradables: Developing Output and Price Measures for Australia's Tradable and Non-tradable Sectors	1351.0	December	1997
Working Papers	Trend Estimation for Small Areas, from a Continuing Survey with Controlled Sample Overlap	1351.0	March	1998
Working Papers	Using State Space Models and Composite Estimation to Measure the Effects of Telephone Interviewing on Labour Force Estimates	1351.0	April	1998
Working Papers	Comparing Techniques for Measuring the Efficiency and Productivity of Australian Private Hospitals	1351.0	November	1998
Working Papers	The Impact of Sample Rotation Patterns and Composite Estimation on Survey Outcomes	1351.0	May	1999
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Document Type	Title	Catalogue Number	Month	Year
Working Papers	Seasonal Adjustment Comparison of Philosophies	1351.0	December	1999
Working Papers	Diagnostic Measures for Comparing Direct and Aggregative Seasonal Adjustments	1351.0	June	2000
Working Papers	Experimental Estimates of the Distribution of Household Wealth, Australia, 1994-2000	1351.0	September	2002
Working Papers	Adjusting for an Easter Proximity Effect	1351.0	February	2003
Working Papers	Adopters and Non-adopters of ICT in the Australian Economy, 1999-2000	1351.02000	February	2003
Working Papers	Estimation of Seasonal Factors for a Short Time Span Using Multi-level Modelling with Mixed Effects	1351.0	March	2003
Working Papers	Dynamics in Repeat Imprisonment: Utilising Prison Census Data	1351.02003	June	2003
Working Papers	Mature Age Customers on Income Support: Duration, Transition and Flow Analysis Using FaCS Longitudinal Data Set, 1995-2000	1351.0	August	2004
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